

## EAST Search History

| Ref # | Hits | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| L1    | 5    | phosphor and (nanoparticle nanocrystal nanostructure) and ((shell coat\$3 overcoat) with (sic "si.sub.3n.sub.4"))                 | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/04/28 18:21 |
| L2    | 8    | (nanoparticle nanocrystal nanostructure) and ((si silicon) with core) and ((shell coat\$3 overcoat) with (sic "si.sub.3n.sub.4")) | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/04/28 18:36 |
| L3    | 7    | 2 not 1   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/04/28 18:22 |
| L4    | 401  | (nanoparticle nanocrystal nanostructure) and (dop\$3 with impurities)   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/04/28 18:37 |
| L5    | 32   | phosphor and (nanoparticle nanocrystal nanostructure) and (dop\$3 with impurities)  | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/04/28 18:37 |
| L6    | 24   | phosphor and (nanoparticle nanocrystal nanostructure) and (dop\$3 with impurities) and ((group adj IV) silicon si germanium ge)   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/04/28 18:53 |
| L7    | 1    | "20040105980"   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/04/28 18:53 |
| S1    | 1    | ("20040245912").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2005/10/21 22:30 |
| S2    | 3523 | (313/502-504).CCLS.   | US-PGPUB; USPAT        | OR               | OFF     | 2005/10/21 22:31 |
| S3    | 54   | (light with emitting with device).ab. and (phosphor and white and (color with rendering with index))                              | US-PGPUB; USPAT; USOCR | OR               | ON      | 2005/10/21 22:54 |
| S4    | 37   | S3 and @ad<"20040401"   | US-PGPUB; USPAT        | OR               | ON      | 2005/10/21 23:04 |

## EAST Search History

|    |    |   |                    |    |     |                  |
|----|----|---|--------------------|----|-----|------------------|
| S5 | 43 | (("4,965,485") or ("5,537,000") or<br>("5,813,753") or ("6,069,440") or<br>("6,175,187") or ("6,252,915") or<br>("6,268,041") or ("6,336,837") or<br>("6,406,803") or ("6,417,019") or<br>("6,501,091") or ("6,508,573") or<br>("6,521,915") or ("6,522,065") or<br>("20030003300") or<br>("20030042850") or<br>("20030066998") or<br>("20020153830") or<br>("20020167024") or ("3,842.306")<br>or ("4,047,069") or ("4,330,691") or<br>("4,642,951") or ("4,890,033") or<br>("4,923,032") or ("4,965,485") or<br>("5,073,805") or ("5,142,343") or<br>("5,293,050") or ("5,354,707") or<br>("5,422,489") or ("5,438,234") or<br>("5,516,577") or ("5,536,949") or<br>("5,537,000") or ("5,552,665") or<br>("5,813,753") or ("5,850,064") or<br>("5,852,346") or ("5,882,779") or<br>("5,959,316") or ("5,962,863") or<br>("5,977,565") or ("5,990,479") or<br>("6,068,907") or ("6,069,440") or<br>("6,117,514") or ("6,157,047") or<br>("6,175,187") or ("US6,207,229B1")<br>or ("US6,215,881B1") or ("US6,245,<br>259B1") or ("US6,251,303B1") or<br>("US6,252,254B1") or ("US6,252,<br>915B1") or ("US6,268,041B1") or<br>("US6.322,901B1") or ("US6,336,<br>837B1") or ("US6,389,771B1") or<br>("US6,397,531B1") or ("US6,406,<br>803B1") or ("US6,417,019B1") or<br>("US6,423,551B1") or ("US6,441,<br>551B1") or ("US6,501,091B1") or<br>("US6,501,10282") or ("US6,504,<br>179B1") or ("US6,508,573B1") or<br>("US6.515,314B1") or ("US6,521,<br>915B2") or ("US6,522,065B1") or<br>("US6,544,870B2") or ("US6,566,<br>808B1") or ("US6,585,947B1") or<br>("US6,602,73182") or ("US6.608,<br>330B1") or ("US6,632,69482") or<br>("US6,649,13882") or ("US6,660,<br>41082") or ("US6,661,029B1") or<br>("US6,669,158B2") or ("US6,692,<br>51282") or ("US6,692,986B1") or<br>("US6,698,54382") or ("US6,700,<br>322B1") or ("US6,701.686"))..PN. or<br>((US2001/0000612A1) or<br>(US2001/0040232A1) or<br>(US2002/0018632A1) or<br>(US2002/0152704A1) or<br>(US2002/0153830A1) or<br>(US2002/0167024A1) or<br>(US2003/0003300A1) or<br>(US2003/0003614A1) or | US-PGPUB;<br>USPAT | OR | OFF | 2005/10/31 10:47 |
|----|----|---|--------------------|----|-----|------------------|

## EAST Search History

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| S6  | 37  | S4 and (ultraviolet or blue)                                      | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:10 |
| S7  | 27  | S6 and wavelength and energy                                      | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:10 |
| S8  | 2   | S7 and infrared   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:10 |
| S9  | 0   | S7 and nanoparticle   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:10 |
| S10 | 0   | S6 and nanoparticle   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:10 |
| S11 | 6   | S5 and nanoparticle   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:11 |
| S12 | 27  | S7 and emission   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:11 |
| S13 | 24  | S12 and group   | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:11 |
| S14 | 10  | S13 and nano\$  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:12 |
| S15 | 2   | S8 and S14  | US-PGPUB;<br>USPAT           | OR | ON  | 2005/10/21 23:24 |
| S16 | 1   | ("20050035708").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/10/21 23:24 |
| S17 | 430 | (phosphor and white and (color adj rendering)) and @ad<"20040401" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/10/31 11:13 |
| S18 | 349 | (phosphor and white and (color adj rendering)) and @ad<"20030401" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/10/31 11:16 |

## EAST Search History

|     |    |   |                    |    |     |                  |
|-----|----|---|--------------------|----|-----|------------------|
| S19 | 43 | ("4,965,485") or ("5,537,000") or<br>("5,813,753") or ("6,069,440") or<br>("6,175,187") or ("6,252,915") or<br>("6,268,041") or ("6,336,837") or<br>("6,406,803") or ("6,417,019") or<br>("6,501,091") or ("6,508,573") or<br>("6,521,915") or ("6,522,065") or<br>("20030003300") or<br>("20030042850") or<br>("20030066998") or<br>("20020153830") or<br>("20020167024") or ("3,842.306")<br>or ("4,047,069") or ("4,330,691") or<br>("4,642,951") or ("4,890,033") or<br>("4,923,032") or ("4,965,485") or<br>("5,073,805") or ("5,142,343") or<br>("5,293,050") or ("5,354,707") or<br>("5,422,489") or ("5,438,234") or<br>("5,516,577") or ("5,536,949") or<br>("5,537,000") or ("5,552,665") or<br>("5,813,753") or ("5,850,064") or<br>("5,852,346") or ("5,882,779") or<br>("5,959,316") or ("5,962,863") or<br>("5,977,565") or ("5,990,479") or<br>("6,068,907") or ("6,069,440") or<br>("6,117,514") or ("6,157,047") or<br>("6,175,187") or ("US6,207,229B1")<br>or ("US6,215,881B1") or ("US6,245,<br>259B1") or ("US6,251,303B1") or<br>("US6,252,254B1") or ("US6,252,<br>915B1") or ("US6,268,041B1") or<br>("US6.322,901B1") or ("US6,336,<br>837B1") or ("US6,389,771B1") or<br>("US6,397,531B1") or ("US6,406,<br>803B1") or ("US6,417,019B1") or<br>("US6,423,551B1") or ("US6,441,<br>551B1") or ("US6,501,091B1") or<br>("US6,501,10282") or ("US6,504,<br>179B1") or ("US6,508,573B1") or<br>("US6.515,314B1") or ("US6,521,<br>915B2") or ("US6,522,065B1") or<br>("US6,544,870B2") or ("US6,566,<br>808B1") or ("US6,585,947B1") or<br>("US6,602,73182") or ("US6.608,<br>330B1") or ("US6,632,69482") or<br>("US6,649,13882") or ("US6,660,<br>41082") or ("US6,661,029B1") or<br>("US6,669,158B2") or ("US6,692,<br>51282") or ("US6,692,986B1") or<br>("US6,698,54382") or ("US6,700,<br>322B1") or ("US6,701.686")).PN. or<br>((US2001/0000612A1) or<br>(US2001/0040232A1) or<br>(US2002/0018632A1) or<br>(US2002/0152704A1) or<br>(US2002/0153830A1) or<br>(US2002/0167024A1) or<br>(US2003/0003300A1) or<br>(US2003/0003614A1) or | US-PGPUB;<br>USPAT | OR | OFF | 2005/10/31 11:16 |
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## EAST Search History

|     |      |   |                              |    |    |                  |
|-----|------|---|------------------------------|----|----|------------------|
| S20 | 384  | S18 or S19  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 18:11 |
| S21 | 1892 | phosphor and (wavelength with nm) and (light with energy) and @ad<"20030401"                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 18:30 |
| S22 | 258  | (phosphor same (wavelength with nm) same (light with energy)) and @ad<"20030401"                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 19:23 |
| S23 | 499  | (phosphor same infrared same (light with energy)) and @ad<"20030401"                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 19:59 |
| S24 | 5    | phosphor same (nanoparticle and semiconductor and (silicon or germanium)) and @ad<"20030401"    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:03 |
| S25 | 0    | phosphor same (nanoparticle same (group with iv) and (silicon or germanium)) and @ad<"20030401" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:04 |
| S26 | 0    | phosphor same (nanoparticle and (group with iv) and (silicon or germanium)) and @ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:04 |
| S27 | 0    | phosphor same (nano\$ and (group with iv) and (silicon or germanium)) and @ad<"20030401"        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:05 |
| S28 | 77   | phosphor same (nano\$ and (group) and (silicon or germanium)) and @ad<"20030401"                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:09 |
| S29 | 5    | S28 and nanoparticle  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:16 |
| S30 | 11   | phosphor same nanoparticle same (silicon or germanium) and @ad<"20030401"                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:19 |
| S31 | 274  | phosphor and nanoparticle and (silicon or germanium) and @ad<"20030401"                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:59 |
| S32 | 33   | phosphor and nanoparticle and germanium and @ad<"20030401"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:55 |
| S33 | 15   | phosphor and nanoparticle and germanium and (light adj emitting) and @ad<"20030401"             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 20:55 |
| S34 | 11   | (phosphor with emission with profile) and (red and green and blue and peak) and @ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/10/31 21:01 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S35 | 0    | (phosphor with emission with profile) same (red and green and blue and peak) and @ad<"20030401"                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/10/31 21:01 |
| S36 | 35   | (phosphor with emission with profile) and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/10/31 21:04 |
| S37 | 12   | (phosphor same (emission adj profile)) and @ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/10/31 21:05 |
| S38 | 7    | (phosphor same (emission adj profile)) and (red and blue and green) and @ad<"20030401"                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/10/31 21:59 |
| S39 | 1    | "20030057821".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 14:40 |
| S40 | 3    | ((("20030067265") or ("20030057821") or ("20030186023")).PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2005/11/01 15:59 |
| S41 | 1    | S40 and (halogen or incandescent)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 14:48 |
| S42 | 5659 | infrared same (halogen or incandescent) and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 14:49 |
| S43 | 5659 | (infrared same (halogen or incandescent)) and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 14:49 |
| S44 | 3860 | (infrared same (halogen or incandescent) same lamp) and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 14:49 |
| S45 | 2327 | (infrared with (halogen or incandescent) with lamp) and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 15:40 |
| S46 | 74   | (light with emitting) and (core with shell with nanoparticle) and inorganic and @ad<"20030401"                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 15:42 |
| S47 | 0    | ((light with emitting) same phosphor) and (core with shell with nanoparticle) and inorganic and @ad<"20030401" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 15:43 |
| S48 | 4    | ((light with emitting) and phosphor) and (core with shell with nanoparticle) and inorganic and @ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 15:51 |
| S49 | 1    | S48 and silicon  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/11/01 15:54 |

## EAST Search History

|     |       |  |                              |    |    |                  |
|-----|-------|--|------------------------------|----|----|------------------|
| S50 | 2     | S48 and si   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 15:54 |
| S51 | 0     | S40 and electroluminescent   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 15:59 |
| S52 | 3     | S40 and organic  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:37 |
| S53 | 7100  | (257/102-103,79-103.ccls. or 313/502-504.ccls.) and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:38 |
| S54 | 5055  | S53 and semiconductor  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:38 |
| S55 | 80    | S54 and core and (shell or coat\$3 or film or layer or encapsulat\$3) and inorganic  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:39 |
| S56 | 35    | S55 and (nano\$particle or particle or granule or grain or granulate or aggregation)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:40 |
| S57 | 11    | S56 and phosphor   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:47 |
| S58 | 26    | (semiconductor with core) and nanoparticle and phosphor and inorganic  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:48 |
| S59 | 13    | S58 and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:49 |
| S60 | 8     | S59 and (light with emitting)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 17:49 |
| S61 | 26    | (semiconductor with core) and nanoparticle and phosphor and inorganic  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 19:58 |
| S62 | 23    | (semiconductor with core) and (nano\$particle or particle or granule or grain or granulate or aggregation) and phosphor and inorganic and @ad<"20030401" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 20:20 |
| S63 | 13742 | ((si or silicon) same (ge or germanium)) and (particle or nanoparticle) and @ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 20:21 |
| S64 | 1935  | ((si or silicon) same (ge or germanium)) same (particle or nanoparticle) and @ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 20:21 |

## EAST Search History

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S65 | 360 | S64 and (light with emitting)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 20:22 |
| S66 | 105 | S65 and core   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 20:45 |
| S67 | 22  | (light with emitting) and<br>(nanoparticle with binder) and<br>@ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 20:46 |
| S68 | 21  | (light with emitting) and<br>(nanoparticle with binder) and<br>(binder same polymer) and<br>@ad<"20030401"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:20 |
| S69 | 8   | (light with emitting) and<br>(nanoparticle with binder) and<br>(binder same (electroluminescen\$3<br>with polymer)) and<br>@ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:21 |
| S70 | 11  | (US-20050206301-\$ or<br>US-20040000862-\$ or<br>US-20030189829-\$ or<br>US-20030067265-\$ or<br>US-20040145307-\$ or<br>US-20030186023-\$ or<br>US-20030057821-\$ or<br>US-20030227249-\$ or<br>US-20040109666-\$ or<br>US-20040150268-\$ or<br>US-20040036130-\$).did. | US-PGPUB                     | OR | ON | 2005/11/01 21:57 |
| S71 | 5   | S70 and binder   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:27 |
| S72 | 1   | S70 and electroluminescent   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:29 |
| S73 | 3   | S70 and (el or electroluminescen\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:30 |
| S74 | 409 | (light adj emitting) same phosphor<br>same electroluminescen\$3 and<br>@ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:36 |
| S75 | 16  | (light adj emitting) same phosphor<br>same organic and nanoparticle and<br>@ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:41 |
| S76 | 0   | phosphor and ((semiconductor with<br>nanoparticle) same polydisperse<br>same binder) and @ad<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/01 21:42 |
| S77 | 1   | "20040027062".pn.  | US-PGPUB                     | OR | ON | 2005/11/01 22:01 |

## EAST Search History

|     |    |  |  |    |     |                  |
|-----|----|--|--|----|-----|------------------|
| S78 | 62 | phosphor same electroluminescen\$3 same (material or particle or layer) same binder                              | US-PGPUB   | OR | ON  | 2005/11/01 22:02 |
| S79 | 38 | S78 and @ad<"20030401"   | US-PGPUB   | OR | ON  | 2005/11/01 22:08 |
| S80 | 23 | phosphor and (binder same (electroluminescen\$3 with polymer)) and @ad<"20030401"                                | US-PGPUB   | OR | ON  | 2005/11/01 22:20 |
| S81 | 3  | phosphor and (organic with film) and (semiconductor same mono\$disperse) and @ad<"20030401"                      | US-PGPUB   | OR | ON  | 2005/11/01 22:31 |
| S82 | 2  | S81 and (film with nano\$)   | US-PGPUB   | OR | ON  | 2005/11/01 23:41 |
| S83 | 3  | ((("20030067265") or ("20030057821") or ("20040145307")).PN.   | US-PGPUB; USPAT                                    | OR | OFF | 2005/11/01 23:42 |
| S84 | 2  | S83 and fluorescent  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2005/11/01 23:42 |
| S85 | 1  | "20040036130"  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2006/04/28 13:39 |
| S86 | 1  | "20030067265"  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2006/04/28 13:42 |
| S87 | 2  | "6918946"  | US-PGPUB; USPAT; USOCR                             | OR | ON  | 2006/04/28 16:39 |
| S88 | 1  | (phosphor and domain and organic and (nanoparticle nanostructure) and monodisperse).clm.                         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/28 15:49 |
| S89 | 12 | (phosphor and domain and organic and (nanoparticle nanostructure) and monodisperse)                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/28 15:55 |
| S90 | 4  | (phosphor and domain and (organic adj (layer film substrate)) and (nanoparticle nanostructure) and monodisperse) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2006/04/28 16:05 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S92 | 10 | (phosphor and ((nanoparticle nanostructure) same monodisperse))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 16:14 |
| S93 | 9  | (phosphor and ((nanoparticle nanostructure) same monodisperse) and organic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 16:16 |
| S94 | 2  | "20040023010"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/28 16:16 |
| S95 | 1  | "20050266697".pn. and (dop\$3 with impurities)                              | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/04/28 18:18 |